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Proposed Maximum Residue Limit

PMRL2013-17

Fenamidone

(publié aussi en français)

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Under the authority of the *Pest Control Products Act*, Health Canada's Pest Management Regulatory Agency (PMRA) has approved the addition of new uses on Brassica leafy vegetables (Crop Group 5), tomatoes and turnip greens to the product label of Reason 500 SC Fungicide, containing technical grade fenamidone. The specific uses approved in Canada are detailed on the label of Reason 500 SC Fungicide, *Pest Control Products Act* Registration Number 27462.

The evaluation of these fenamidone applications indicated that the end-use product has merit and value and the human health and environmental risks associated with the new uses are acceptable. Details regarding the registration can be found in the corresponding Evaluation Reports available in the Pesticides and Pest Management section of Health Canada's website, under Public Registry, Pesticide Product Information Database.¹

Before registering a pesticide for food use in Canada, the PMRA must determine the quantity of residues that are likely to remain in or on the food when the pesticide is used according to label directions and that such residues will not be a concern to human health. This quantity is then legally established as a maximum residue limit (MRL). An MRL applies to the identified raw agricultural food commodity as well as to any processed food product that contains it, except where separate MRLs are specified for the raw agricultural commodity and a processed product made from it.

Consultation on the proposed MRLs for fenamidone is being conducted via this document (see Next Steps, the last section of this document). MRLs currently established for tomatoes and processed tomato commodities remain unaffected and are not revised under this MRL action.

To comply with Canada's international trade obligations, consultation on the proposed MRLs is also being conducted internationally by notifying the World Trade Organization, as coordinated by the Standards Council of Canada.

The proposed MRLs in Canada in or on food, to be added to the MRLs already legally established for fenamidone, are as follows.

Table 1 Proposed Maximum Residue Limits for Fenamidone

Common Name	Residue Definition	MRL (ppm)	Food Commodity
Fenamidone	(5 <i>S</i>)-3,5-dihydro-5-methyl-2-(methylthio)-5-phenyl-3-(phenylamino)-4 <i>H</i> -imidazol-4-one	55	Leafy Brassica greens (Crop Subgroup 5B), turnip tops
		5.0	Head and stem Brassicas (Crop Subgroup 5A)

ppm = parts per million

¹ The relevant reports can be accessed as follows:

Brassica vegetables;	Select Programs and Special Actions/Minor Use/Historical and request the Evaluation Report found under Application Number 2010-3366
Turnip tops;	Select Applications/Amendment/Historical and request the Evaluation Report found under Application Number 2010-5715.

MRLs are proposed for each food commodity included in the Brassica subgroups in accordance with the Residue Chemistry Crop Groups webpage in the Pesticides and Pest Management section of Health Canada's website.

MRLs established in Canada may be found using the Maximum Residue Limit Database on the Maximum Residue Limits for Pesticides webpage. The database allows users to search for pesticide(s) or for food commodity(ies).

International Situation and Trade Implications

The MRLs proposed for fenamidone in Canada are the same as corresponding tolerances established in the United States (tolerances are listed in the Electronic Code of Federal Regulations, 40 CFR Part 180, by pesticide). Currently, there are no Codex MRLs² listed for fenamidone in or on any commodity on the Codex Alimentarius Pesticide Residues in Food webpage.

Next Steps

The PMRA invites the public to submit written comments on the proposed MRLs for fenamidone up to 75 days from the date of publication of this document. Please forward your comments to Publications (see the contact information on the cover page of this document). The PMRA will consider all comments received before making a final decision on the proposed MRLs. Comments received will be addressed in a separate document linked to this PMRL. The established MRLs will be legally in effect as of the date that they are entered into the Maximum Residue Limit Database.

² The Codex Alimentarius Commission is an international organization under the auspices of the United Nations that develops international food standards, including MRLs.